

Claims:

1. A digital television, comprising:
 - a tuner for receiving an MPEG transport stream having at least one program stream comprised of "I", "P" and "B" frames;
 - a transport stream decoder for decoding said at least one program stream from said MPEG transport stream;
 - a program memory for buffering "I" and "P" frames of said at least one program stream;
 - an "I" frame tracker for tracking the memory location of the last "I" frame of said at least one program stream;
 - a program selector for selecting said buffered "I" and "P" frames from said program memory, wherein said program selector receives the location of the last "I" frame of said at least one program stream from said "I" frame tracker when the program is selected, and wherein said program selector outputs a sequence of frames starting from that last "I" frame;
 - a program stream decoder for decoding said sequence of frames; and
 - a display for imaging said decoded sequence of frames.
2. The television according to claim 1, further including a channel controller for selecting said sequence of frames.
3. The television according to claim 3, wherein the channel controller is a remote control.
4. A television according to claim 1, further including an electronic program guide for determining which program stream represents an adjacent channel.
5. A television according to claim 1, wherein said sequence of frames begins on an "I" frame.
6. A television according to claim 1, wherein said sequence of frames begins on a "P" frame.

7. A television according to claim 1, wherein said program memory further buffers "B" frames.
8. A television according to claim 1, wherein said sequence of frames begins on a "B" frame.
9. A digital television, comprising:
 - a first tuner for receiving a first MPEG transport stream having at least a first program stream comprised of "I", "P" and "B" frames;
 - a first program memory for buffering "I" and "P" frames of said first program stream;
 - a second tuner for receiving a second MPEG transport stream having at least a second program stream comprised of "I", "P" and "B" frames;
 - a second program memory for buffering "I" and "P" frames of said second program stream;
 - an "I" frame tracker for tracking the locations in said first and second program memories of the last "I" frames of both said first and second program streams;
 - a channel controller;
 - a program selector for selecting buffered "I" and "P" frames from either said first or from said second program memories, wherein said program selector's selection is based on signals from said channel controller, wherein said program selector receives the location of the last "I" frame of the program stream in said selected program memory from said "I" frame tracker, and wherein said program selector produces a sequence of frames starting from the last "I" frame of the program stream in said selected program memory;
 - a program stream decoder for decoding said sequence of frames; and
 - a display for producing content represented by said sequence of frames.
10. A television according to claim 9, wherein the first and second tuners include a decoder for decoding said first and second MPEG transport stream to form said first and second program streams.

11. A television according to claim 9, wherein said channel controller is a remote control.
12. A television according to claim 9, further including an electronic program guide for determining which program stream represents an adjacent channel.
13. A television according to claim 9, wherein said sequence of frames begins on an "I" frame.
14. A television according to claim 9, wherein said sequence of frames begins on a "P" frame.
15. A television according to claim 9, wherein said first and second program memories buffer "B" frames.
16. A television according to claim 9, wherein said sequence of frames begins on a "B" frame.
17. A digital television, comprising:
 - a tuner for receiving an MPEG transport stream having first and second program streams that are comprised of "I", "P" and "B" frames;
 - a first transport stream decoder for decoding said first program stream from said MPEG transport stream;
 - a first program memory for buffering "I" and "P" frames of said first program stream;
 - a second transport stream decoder for decoding said second program stream from said MPEG transport stream;
 - a second program memory for buffering "I" and "P" frames of said second program stream;
 - an "I" frame tracker for tracking the locations in said first and second program memories the last "I" frames of said first and second program streams;
 - a channel controller;

a program selector for selecting buffered "I" and "P" frames from either said first or from said second program memories, where said program selector's selection is based on signals from said channel controller, wherein said program selector receives the location of the last "I" frame of the program stream in said selected program memory from said "I" frame tracker, and wherein said program selector produces a sequence of frames starting from the last "I" frame of the program stream in said selected program memory;

a program stream decoder for decoding said sequence of frames; and
a display for producing content represented by said sequence of frames.

18. A television according to claim 17, wherein the content represented by said sequence of frames begins on an "I" frame.

19. A television according to claim 17, wherein the content represented by said sequence of frames begins on a "P" frame.

20. A television according to claim 17, wherein the content represented by said sequence of frames begins on a "B" frame.